

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-20 (cancelled).

Claim 21. (currently amended) An isolated polypeptide having a TIF2 protein activity comprising an amino acid sequence selected from the group consisting of:

- (a) amino acids 1 to 1464 of SEQ ID NO:2;
- (b) the complete amino acid sequence as encoded by the cDNA contained in ATCC Deposit No. 97612;
- (c) amino acids 624 to 869 of SEQ ID NO:2;
- (d) amino acids 624 to 1131 of SEQ ID NO:2;
- (e) amino acids 1010 to 1131 of SEQ ID NO:2;
- (f) amino acids 1288 to 1464 of SEQ ID NO:2;
- (g) amino acids 624 to 1287 of SEQ ID NO:2;
- (h) amino acids 624 to 1179 of SEQ ID NO:2;
- (i) amino acids 624 to 1010 of SEQ ID NO:2;
- (j) amino acids 1180 to 1269 of SEQ ID NO:2;
- (k) amino acids 870 to 1179 of SEQ ID NO:2;
- (l) amino acids 1010 to 1179 of SEQ ID NO:2;
- (m) amino acids 940 to 1179 of SEQ ID NO:2;
- (n) amino acids 940 to 1131 of SEQ ID NO:2; and
- (o) an amino acid sequence at least 90% identical to any of (a)-(n);

wherein said TIF-2 activity is selected from a group consisting of: binding to a nuclear receptor and enhancing transcription.

Claim 22. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (a).

Claim 23. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (b).

Claim 24. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (c).

Claim 25. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (d).

Claim 26. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (e).

Claim 27. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (f).

Claim 28. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (g).

Claim 29. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (h).

Claim 30. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (i).

Claim 31. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (j).

Claim 32. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (k).

Claim 33. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (l).

Claim 34. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (m).

Claim 35. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (n).

Claim 36. (previously added) The isolated polypeptide of claim 21, wherein said amino acid sequence is (o).

Claim 37. (previously added) The isolated polypeptide of claim 36, wherein said amino acid sequence is at least 95% identical to any of (a)-(n).

Claim 38. (previously added) The isolated polypeptide of claim 21, comprising an amino acid sequence at least 90% identical to amino acids 1 to 1464 of SEQ ID NO:2.

Claim 39. (previously added) The isolated polypeptide of claim 21, comprising an amino acid sequence at least 90% identical to amino acids 624 to 869 of SEQ ID NO:2.

Claim 40. (previously added) The isolated polypeptide of claim 21, comprising an amino acid sequence at least 90% identical to amino acids 1010 to 1131 of SEQ ID NO:2.

Claim 41. (previously added) The isolated polypeptide of claim 21, comprising an amino acid sequence at least 90% identical to amino acids 1288 to 1464 of SEQ ID NO:2.

Claim 42. (previously added) The isolated polypeptide of claim 21, which is produced by a recombinant host cell.